CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 Date:15.12.2021

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.
Agency : **Sri. R Shivaram,** Contractor, Bangalore.
Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13.
AEE

Sample : : Cement (ACC 53 grade OPC)
Sample Supplied by: : AGENCY
Date of Manufacture: : November - 2021
Date of Testing : 13.12.2021 to 15.12.2021

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	385 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00%	-

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Note:
1. The Material is satisfied as per the requirement.

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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 Date : 15.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)

AE-13. AEE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.
Agency : **Sri. R Shivaram,** Contractor, Bangalore.
Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Date of Testing : 15.12.2021
IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)
Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	84	8.40	8.40	91.6	90-100
2.36	122	12.20	20.60	79.4	75-100
1.18	136	13.60	34.20	65.8	55-90
600 Micron	271	27.10	61.30	38.7	35-59
300 Micron	170	17.00	78.30	21.7	8-30
150 Micron	142	14.20	92.50	7.5	0-10

Note:
1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date : 15.12.2021

TEST REPORT ON COARSE AGGREGATES

AE-13

AEE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Date of Testing : 15.12.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	230	1.53	1.53	98.47	95-100
20	8412	56.08	57.61	42.39	30-70
10	3369	22.46	80.07	19.93	10-35
4.75	2541	16.94	97.01	2.99	0-5

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No : CQCE/BBMP/RS/13/2021-22

Date : 15.12.2021

TEST REPORT ON COARSE AGGREGATES

HE-13 AEE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Date of Testing : 15.12.2021

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	200	4.0	4.0	96.0	95-100
10	2411	48.2	52.2	47.8	25-55
4.75	2015	40.3	92.5	7.5	0-10

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 Date : 15.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

AE-13 AEE AEE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore.

Date of Testing : 15.12.2021

Material : Plastering Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	20	2.00	2.00	98.0	95-100
2.36	15	1.50	3.50	96.5	95-100
1.18	36	3.60	7.10	92.9	90-100
600 Micron	78	7.80	14.90	85.1	80-100
300 Micron	251	25.10	40.00	60.0	20-65
150 Micron	530	53.00	93.00	7.0	0-15

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 Date : 15.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

AE-13

AEE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Date of Testing : 15.12.2021

Material : Masonry Sand Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	12	1.20	1.20	98.8	90-100
1.18	30	3.00	4.20	95.8	70-100
600 Micron	85	8.50	12.70	87.3	40-100
300 Micron	250	25.00	37.70	62.3	5-70
150 Micron	511	51.10	88.80	11.2	0-15

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Job No.: CQCE/BBMP/RS/13/2021-22

Date 15.12.2021

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

AE-13

AEE

Client	: **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore
Agency	: **Sri. R Shivaram,** Contractor, Bangalore.
Name of Work	: Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore
Steel Dia/Length	: 8mm,10mm,12mm" TMT"
Reference to BIS codes	: IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification
	: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature
Date of test	15.12.2021

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	TS/YS ratio	Elongation, percent on gauge length
1	TMT	8	0.396	518	602	1.16	15
2	TMT	10	0.618	525	622	1.18	15.5
3	TMT	12	0.888	534	639	1.20	16.5
4	TMT	16	1.58	548	640	1.17	18
5	TMT	20	2.47	552	663	1.20	19.5

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date 15.12.2021

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Date of Testing 15.12.2021

Size of Blocks : 400mm x 150mm x 200mm

Cross Sectional Area : 60000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

AE-13

AEE

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	23.6	260.0	4.33	1966.67	Minimum required Compressive Strength of Individual Units 4.00N/mm^2
2	Block 2	24.3	270.0	4.50	2025.00	
3	Block 3	25.7	280.0	4.67	2141.67	
4	Block 4	26.1	290.0	4.83	2175.00	

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 15.12.2021

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13

Sample Supplied by : AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 25mm dia

AEE

Date of Testing 15.12.2021

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	28.5	25 mm
2	Mean Outside Diameter (mm)	28.5	Min 25 mm Max 25 mm
3	Outside Diameter at Any Point (mm)	28.6	Min 24.5 mm Max 25.5 mm

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 15.12.2021

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample Supplied by: :AGENCY

AE-13 AEE

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 20mm dia

Date of Testing 15.12.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	22.1	22.2 mm
2	Mean Outside Diameter (mm)	22.2	Min 22.1 mm Max 22.3 mm
3	Outside Diameter at Any Point (mm)	22.1	Min 22 mm Max 22.4 mm
4	Density	1465 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 15.12.2021

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample Supplied by: :AGENCY

AE-13

AEE

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 25mm dia

Date of Testing 15.12.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	28.5	28.6 mm
2	Mean Outside Diameter (mm)	28.5	Min 28.5 mm Max 28.7 mm
3	Outside Diameter at Any Point (mm)	28.60%	Min 28.4 mm Max 28.8 mm
4	Density	1485 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 15.12.2021

TEST REPORT ON CPVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample Supplied by: :AGENCY

AE-13.

A.E.E.

BIS Code: IS 13360(Part3/Sec 1):1995
IS 15778:2007

Sample Identification: CPVC pipe 50mm dia

Date of Testing 15.12.2021

Sl.No	Test	Test Result	Requirements as per IS: 15778:2007
1	Nominal Outer Diameter (mm)	54	54 mm
2	Mean Outside Diameter (mm)	54.1	Min 53.9 mm Max 54.1 mm
3	Outside Diameter at Any Point (mm)	53.9	Min 53.7 mm Max 54.3 mm
4	Density	1570 Kg/m^3	1450 Kg/m^3 & 1650 Kg/m^3

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 12.01.2022

PRECAST SLAB 100mm Thick(CORE) TEST REPORT

Client : : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13.

AEE

No.of Sample Tested : 03

Date of Testing : 12.01.2022

Techinical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	80.00	0.365	2323.66	1.60	0.960	33.50	17.06	18.43	17.69	22.11
2	50.00	83.00	0.384	2356.26	1.66	0.960	34.70	17.67	19.09	18.32	22.90
3	50.00	86.00	0.404	2392.51	1.72	0.965	35.60	18.13	19.58	18.90	23.62

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Note:

1. The Material is satisfied as per the requirement.

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No : CQCE/BBMP/RS/13/2021-22 Date: 12.01.2022

PRECAST SLAB 250mm Thick(CORE) TEST REPORT

Client : **Assistant Executive Engineer,** Shettihalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of Work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13
AEE

No of Sample Tested : 03

Date of Testing : 12.01.2022

Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M_{25}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	90.00	111.00	1.654	2342.27	1.23	0.960	132.50	20.83	22.49	21.59	26.99
2	90.00	114.00	1.720	2371.64	1.27	0.965	135.60	21.31	23.02	22.21	27.77
3	90.00	118.00	1.798	2395.15	1.31	0.965	141.80	22.29	24.07	23.23	29.04

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 30.12.2021

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

AE-13 AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2021	30.12.2021	8.194	259.2	11.52
2	23.12.2021	30.12.2021	8.125	264.7	11.76
3	23.12.2021	30.12.2021	8.032	273.1	12.14

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 20.01.2022

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

AE-13

AEE

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2021	20.01.2022	8.021	369.8	16.44
2	23.12.2021	20.01.2022	8.169	375.2	16.68
3	23.12.2021	20.01.2022	8.122	382.3	16.99

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 20.01.2022

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

AE.13

AEE

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2021	20.01.2022	8.021	369.8	16.44
2	23.12.2021	20.01.2022	8.169	375.2	16.68
3	23.12.2021	20.01.2022	8.122	382.3	16.99

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 30.12.2021

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

AE-13.

AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2021	30.12.2021	8.051	261.8	11.64
2	23.12.2021	30.12.2021	8.034	272.3	12.10
3	23.12.2021	30.12.2021	8.097	285.9	12.71

Note:
1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

Date: 20.01.2022

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Agency : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 28th day

AE-13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2021	20.01.2022	8.055	360.0	16.00
2	23.12.2021	20.01.2022	8.062	370.0	16.44
3	23.12.2021	20.01.2022	8.197	380.0	16.89

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

10.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

AE-13.
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.015	344.5	15.31
2	03.01.2022	10.01.2022	8.187	359.6	15.98
3	03.01.2022	10.01.2022	8.063	367.8	16.35

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

31.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

AE: 13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.020	515.6	22.92
2	03.01.2022	31.01.2022	8.017	525.9	23.37
3	03.01.2022	31.01.2022	8.112	535.4	23.80

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 10.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

AE-13 AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.116	336.5	14.96
2	03.01.2022	10.01.2022	8.143	341.2	15.16
3	03.01.2022	10.01.2022	8.195	358.9	15.95

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 31.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

AE-13 Asst

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.125	517.7	23.01
2	03.01.2022	31.01.2022	8.137	522.3	23.21
3	03.01.2022	31.01.2022	8.190	535.4	23.80

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22 10.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

AE-13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.195	350.0	15.56
2	03.01.2022	10.01.2022	8.152	363.2	16.14
3	03.01.2022	10.01.2022	8.113	374.8	16.66

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

31.01.2022

Job No.: CQCE/BBMP/RS/13/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13
AEE

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.123	511.2	22.72
2	03.01.2022	31.01.2022	8.167	526.3	23.39
3	03.01.2022	31.01.2022	8.019	534.8	23.77

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

12.01.2022

Job No.: CQCE/BBMP/RS/13/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13
AEE

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2022	12.01.2022	8.147	339.6	15.09
2	05.01.2022	12.01.2022	8.192	348.5	15.49
3	05.01.2022	12.01.2022	8.112	354.6	15.76

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

02.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13
AEE

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2022	02.02.2022	8.102	489.6	21.76
2	05.01.2022	02.02.2022	8.034	494.5	21.98
3	05.01.2022	02.02.2022	8.178	500.2	22.23

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

12.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13 AEE

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2022	12.01.2022	8.011	344.9	15.33
2	05.01.2022	12.01.2022	8.147	352.3	15.66
3	05.01.2022	12.01.2022	8.192	368.7	16.39

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

02.02.2022

Job No.: CQCE/BBMP/RS/13/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13 AEE

Sample ID :Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2022	02.02.2022	8.093	502.2	22.32
2	05.01.2022	02.02.2022	8.122	526.9	23.42
3	05.01.2022	02.02.2022	8.177	535.4	23.80

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

24.01.2022

Job No.: CQCE/BBMP/RS/13/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13 AEE

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	24.01.2022	8.157	400.8	17.81
2	17.01.2022	24.01.2022	8.196	420.0	18.67
3	17.01.2022	24.01.2022	8.031	430.0	19.11

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

14.02.2022

Job No.: CQCE/BBMP/RS/13/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.
Contractor	: **Sri. R Shivaram,** Contractor, Bangalore.
Name of the work	: Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

AE-13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	14.02.2022	8.112	605.2	26.90
2	17.01.2022	14.02.2022	8.169	629.3	27.97
3	17.01.2022	14.02.2022	8.032	634.7	28.21

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

14.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.
Contractor	: **Sri. R Shivaram,** Contractor, Bangalore.
Name of the work	: Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 28th day

AE-13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	14.02.2022	8.051	603.2	26.81
2	17.01.2022	14.02.2022	8.169	619.8	27.55
3	17.01.2022	14.02.2022	8.027	630.0	28.00

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

24.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

AE-13
AEE

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	24.01.2022	8.154	413.2	18.36
2	17.01.2022	24.01.2022	8.166	429.6	19.09
3	17.01.2022	24.01.2022	8.023	435.4	19.35

Note:

1. The Material is satisfied as per the requirement.

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AE-13 Rec AEE

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	24.01.2022	8.162	396.2	17.61
2	17.01.2022	24.01.2022	8.133	400.5	17.80
3	17.01.2022	24.01.2022	8.021	423.5	18.82

Note:

1. The Material is satisfied as per the requirement.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

14.02.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13 AEE

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.01.2022	14.02.2022	8.196	596.7	26.52
2	17.01.2022	14.02.2022	8.134	602.8	26.79
3	17.01.2022	14.02.2022	8.174	635.4	28.24

Note:

1. The Material is satisfied as per the requirement.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/RS/13/2021-22

27.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division,BBMP, Bangalore.

Contractor : **Sri. R Shivaram,** Contractor, Bangalore.

Name of the work : Comprehensive development works in ward no.13, Mallasandra, BBMP, Bangalore

AE-13

AEE

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.01.2022	27.01.2022	8.164	416.8	18.52
2	20.01.2022	27.01.2022	8.121	425.3	18.90
3	20.01.2022	27.01.2022	8.169	432.1	19.20

Note:

1. The Material is satisfied as per the requirement.

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